22nd ANNUAL

IDAHO STATE PREVENTION & SUPPORT CONFERENCE

CULTIVATING SUPPORTIVE SCHOOL AND COMMUNITY CLIMATES FOR YOUTH

APRIL 9-10, 2015

SUN VALLEY CONVENTION CENTER

COMBINING DESIGN AND SECURITY TO PRODUCE A SAFE LEARNING ENVIRONMENT

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Superintendent of Schools

Middleton School District #134

LEARNING OBJECTIVES

- School Facility Safety Inspections & Maintenance Programs
- Ten-Year Facility Planning
- Reviewing requirements of "No Child Left Behind" in regards to demonstrating School Safety.
- Reviewing Effective Planning – 9 keys to effective safety & security plans
- Actual Safety features – 8 items built into an Idaho School
- Use, design & costs of roundabouts for safe school traffic flow

SCHOOL FACILITIES REQUIRE CONTINUED UPKEEP & UPDATING

- Effective school facilities are responsive to the educational changes and growing safety concerns
- School facilities are an integral component of the conditions of learning, which should not be hindered by the addition of well-planned safety features
- Educational facilities are becoming increasingly specialized and safety needs are important considerations

SCHOOL FACILITY SAFETY INSPECTIONS

- School safety & educational practices requires continued upkeep and updates
- Annual safety inspections
- Response to annual safety inspections
- Action on the annual safety inspection recommendations

ANNUAL SAFETY INSPECTIONS

- Building administrators, faculty, staff and maintenance personnel should be trained to watch for safety hazards continually
- Prior to annual safety inspections, a walk-through of each building should occur for any new safety concerns present & correction of known violations
- During the safety inspection take notes about concerns voiced by the inspector

RESPONSES TO ANNUAL SAFETY INSPECTIONS

- Address each recommendation with a date of compliance or the reason for non-compliance (funding, equipment no longer in use)
- Prior to submission of the DBS report responses, present it to the School Board for approval

ACTION ON THE ANNUAL SAFETY INSPECTION RECOMMENDATIONS

- Follow up on recommendation(s) with the Director of Maintenance
- Follow up with the building administrators on the report and the responses
- Building administrators follow-up with the party responsible for addressing the concern(s) for completion
- Remember effective school maintenance protects capital investment, ensures the health / safety of our students and enhances educational performance.

TEN-YEAR PLAN PURPOSE

- Effective school maintenance protects the District's capitol investment, ensures the health and safety of the students and support the overall educational performance of the entire School District.
- As Idaho's school buildings age –they face the growing challenge of maintaining school facilities at an appropriate level, which enables the staff to meet the educational needs of their 21st century leaders.
- The ten-year plan includes the construction of new facilities, renovation of the existing schools and the purchase of portable classrooms – all of which supports contemporary instructional practices.

(Complete plan available on the Idaho Division of Building Safety website: http://dbs.idaho.gov/programs/school/index.html)

TEN-YEAR PLAN ELEMENTS

Capacity & ADA projections

Building conditions

Educational suitability

Technology

Site improvements

Energy efficiency

Safety improvements & additions

MIDDLETON SCHOOL DISTRICT #134 ACTUAL ENROLLMENT

	86-87	87-88	88-89	89-90	90-91	91-92	92-93	93-94	94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10*	
K	141	105	105	131	106	104	123	140	147	162	132	151	147	156	171	179	171	179	210	215	233	220	251	215	K
1	144	161	122	110	145	112	126	130	159	152	180	156	168	169	175	168	200	178	195	245	231	238	236	255	1
2	120	125	154	117	110	143	107	141	145	159	155	182	163	181	182	186	178	196	200	196	234	218	249	216	2
3	138	125	127	157	120	124	152	113	151	138	162	164	181	157	192	174	198	175	210	214	219	224	233	235	3
4	141	150	125	132	156	148	129	167	133	154	140	167	181	181	169	204	179	210	195	239	221	205	231	237	4
5	134	129	152	130	140	160	154	132	182	128	156	155	174	176	180	188	218	192	219	212	254	215	212	227	5
K-5	818	795	785	777	777	791	791	823	917	893	925	975	1014	1020	1069	1099	1144	1130	1229	1321	1392	1320	1412	1385	K-5
6	144	136	130	150	128	156	169	164	159	190	125	167	158	171	184	196	191	219	203	233	240	237	214	211	6
7	142	145	127	137	152	148	168	185	176	164	187	141	184	160	185	183	210	188	223	232	245	241	258	214	7
8	119	141	139	136	143	156	157	173	202	173	165	191	153	169	162	183	189	214	203	210	231	245	239	261	8
6-8	405	422	396	423	423	460	494	522	537	527	477	499	495	500	531	562	590	621	629	675	716	723	711	686	6-8
9	132	124	141	145	142	143	159	158	177	178	170	166	199	156	164	174	184	190	226	218	225	272	287	285	9
10	99	127	124	140	132	134	138	140	145	171	163	149	150	175	142	171	164	190	191	216	208	239	243	243	10
11	107	83	106	122	126	120	130	120	143	125	153	147	128	120	162	135	155	168	167	179	201	189	203	219	11
12	96	107	74	110	103	108	102	125	111	114	118	142	135	122	122	148	133	156	164	164	165	176	191	207	12
9-12	434	441	445	517	503	505	529	543	576	588	604	604	612	573	590	628	636	704	748	777	799	876	924	954	9-12
Totals	1,657	1,658	1,626	1,717	1,703	1,756	1,814	1,888	2,030	2,008	2,006	2,078	2,121	2,093	2,190	2,289	2,370	2,455	2,606	2,773	2,907	2,919	3,047	3,025	Totals
Growth %		0%	-2%	6%	-1%	3%	3%	4%	8%	-1%	0%	4%	2%	-1%	5%	5%	4%	4%	6%	6%	5%	0%	4%	-1%	
Growth #		1	-32	91	-14	53	58	74	142	-22	-2	72	43	-28	97	99	81	85	151	167	134	12	128	-22	

PROJECTED ENROLLMENT

(data from end of 1st report per)

**(2007-08 was the opening of Vision Charter - loss of approx. 120 students)*

Academy School Included. Preschool not included.

	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	
K	221	228	235	242	249	257	264	272	281	289	K
1	221	228	235	242	249	257	264	272	281	289	1
2	263	228	235	242	249	257	264	272	281	289	2
3	222	271	235	242	249	257	264	272	281	289	3
4	242	229	279	242	249	257	264	272	281	289	4
5	244	249	236	287	249	257	264	272	281	289	5
K-5	1414	1433	1454	1497	1495	1540	1587	1634	1683	1734	K-5
6	234	251	257	243	296	257	264	272	281	289	6
7	217	241	259	264	250	304	264	272	281	289	7
8	220	224	248	267	272	258	314	272	281	289	8
6-8	672	716	764	774	818	819	842	817	842	867	6-8
9	269	227	231	255	275	281	266	323	281	289	9
10	294	277	234	237	263	283	289	274	333	289	10
11	250	302	285	241	245	271	291	298	282	343	11
12	226	258	311	294	248	252	279	300	307	290	12
9-12	1,038	1,064	1,061	1,028	1,031	1,087	1,125	1,195	1,202	1,211	9-12
Totals	**3,124**	**3,213**	**3,279**	**3,299**	**3,345**	**3,446**	**3,554**	**3,646**	**3,726**	**3,811**	Totals
	77	**89**	**66**	**20**	**46**	**102**	**108**	**91**	**81**	**85**	
	3%	3%	2%	1%	1%	3%	3%	3%	2%	2%	

Projected enrollment was calculated using an annual growth factor of +3.0 all grades

K-5	1,414	1,433	1,454	1,497	1,495	1,540	1,587	1,634	1,683	1,734	Totals
6-8	672	716	764	774	818	819	842	817	842	867	for
9-12	1,038	1,064	1,061	1,028	1,031	1,087	1,125	1,195	1,202	1,211	10 years
Total	3,124	3,213	3,279	3,299	3,345	3,446	3,554	3,646	3,726	3,811	

BUILDING CONDITION EVALUATION FORM

Middleton	School District	Heights Ele.	School Name	102	Building Number

COMPONENTS	SYSTEMS	RATINGS GOOD (1)	FAIR (2)	POOR (3)	UNSAT. (4)	COMMENTS
1.0 Exterior Building Condition	1.1 Foundation/Structure	+12	+8	+6	+4	
	1.2 Walls	+8	+5	+3	+1	
Good Condition	1.3 Roof	+7	+5	+2	0	
Component Score = **30**	1.4 Windows/Doors	+2	+1	0	0	
	1.5 Trim	+2	+1	0	0	
2.0 Interior Building Condition	2.1 Floors	+8	+5	+2	0	
	2.2 Walls	+8	+5	+1	0	
Good Condition	2.3 Ceilings	+5	+3	+1	0	
Component Score = **23**	2.4 Fixed Equipment	+2	+1	0	0	
3.0 Mechanical Systems Condition	3.1 Electrical	+6	+4	+2	0	
	3.2 Plumbing	+4	+2	+1	0	
Fair Condition	3.3 Heating	+6	+4	+2	+1	
Component Score = **22**	3.4 Cooling	+6	+4	+2	+1	
	3.5 Lighting	+4	+3	+2	0	
4.0 Safety/Building Code	4.1 Means of Exit	+6	+4	+2	0	
	4.2 Fire Control Capability	+4	+3	+2	+1	
Good Condidtion	4.3 Fire Alarm System	+4	+3	+2	+1	
Component Score = **19**	4.4 Emergency Lighting	+2	+1	0	0	
	4.5 Fire Resistance	+4	+3	+2	+1	

						Unadjusted Score	Adjusted Score
Good Condition	**TOTAL CONDITION SCORES**	**84**	**10**	**0**	**0**	**94**	**94**

5.0 Provisions for Handicap Accessibility		YES		NO	
6.0 Functional Adaptability		GOOD	FAIR	POOR	UNSAT.
7.0 Suitability of Space	EXCEL	GOOD	FAIR	POOR	UNSAT.

Rich Bauscher	Evaluator Name	November-2009	Date	1987	Year Built	45,136	Total Sq. Ft.

BUILDING CONDITIONS

Below are the total calculations that combine the five school BCEFs'. The totals are then divided over ten years to balance out revenue vs expenditures (in compliance with HB 743).

Schools	**BCEF**	**Upgrade Costs**
Heights	94	$270,800
Mill Creek	94	$367,440
Purple Sage	96	$258,000
Middle School	80	$884,000
High School	99	$93,600
Totals	**463 Ave. 93**	**$1,874,040**
Ten Year Plan	$1,874,040/10 =	$187,400
*Five Year Plan	$1,874,000 / 5 =	**$374,808**

PARENTAL SAFETY CHECKLIST

- Is student safety a priority for your District?
- Is there access to reports that include information about violent or unsafe incidents?
- Are there procedures for responding quickly to unsafe situations?
- Is the District addressing ways to prevent as well as respond to crises?
- Are all District employees, parents, students and the community involved in these efforts?
- Are school facilities attractive and hazard-free?
- Is safety addressed in all aspects of the school programs?

(Parental questions - excerpt from Family Education)

BALANCING STUDENTS PRIVACY & SCHOOL SAFETY

- School officials are asked to balance the interests of safety and privacy for each student
- Health or safety emergency
- Law enforcement unit records
- Security videos
- Personal knowledge or observation
- Transfer of Education Records

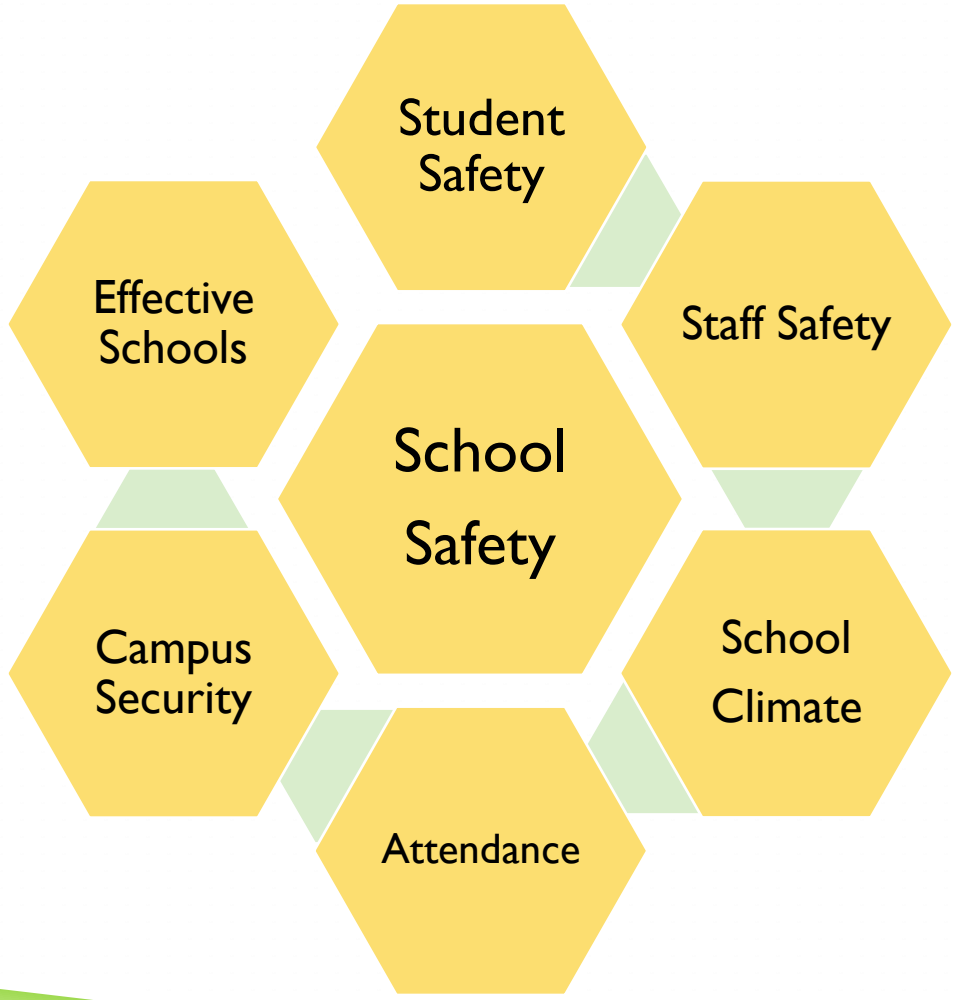
(from FERPA)

NO CHILD LEFT BEHIND

Parents, citizens and lawmakers are demanding to know what our schools are doing to provide for the safety of the children. Schools are now charged with providing safe schools or they risk being identified as "persistently dangerous" in accordance with the No Child Left Behind Act.

NSSC – KEY FACTORS

During an assessment, key factors are examined to ascertain their direct impact on the educational mission:



NSSC – National School Safety Center

NSSC – ASSESSMENT FACTORS

- Existing school safety plans.
- Crisis response and disaster mitigation plans.
- Anti-terrorist measures.
- The current condition and safety of the facilities.
- The use of environmental design to prevent crime and disruption.
- School safety policies, procedures and practices.
- School discipline practices.
- Employee recruiting, selection, supervision and training practices.

NSSC – ASSESSMENT FACTORS

- The presence of gangs, weapons, drug and alcohol abuse.
- The prevalence of bullying, hazing, hate-motivated behaviors and other forms of harassment.
- School climate (staff, student and parents)
- School/law enforcement partnerships and other safety-promoting partnerships.
- Emerging school safety trends, issues and concerns.

NSSC – SAFETY ASSESSMENT

- A facilities audit.
- A review of existing plans for crisis response and disaster mitigation.
- A review of student codes of conduct.
- An analysis of School District policies related to student safety and management issues and their compliance with federal and state laws.
- An analysis of crime prevention through environmental design efforts.

NSSC – SAFETY ASSESSMENT

- Student input.
- Discussions with key administrative personnel and local law enforcement.
- A review of recent media activity.
- An analysis of recent school crime and disorder incidents.
- Commendations for effective practices and programs.

EFFECTIVE PLANNING

CONSTRUCTION OF SAFE SCHOOLS

MSD #134 – February 2007 Fire

In February of 2007 seventy-five percent of our Middleton High School was destroyed by an electrical caused fire.

We took this opportunity to rebuild our Middle / High School with **many** safety features (as desired by Superintendent Luna & SDE).

EXAMPLE OF SOME SAFETY FEATURES

Classroom Doors

Stay locked from the corridors

Magnetic Door Holds

Can be released by the Principal (for a lock down) shutting all of the classroom doors [1 switch]

Security Cameras

Inside and outside the school (3 Annex Buildings)

Corridor Doors

Located on all wings to lock off desired sections of the building

Punch Pads

Located throughout the building to avoid issuing keys to: substitutes, referees, & guests

Phones (VOL/Computer)

In every classroom

Secure Entrance Vestibule

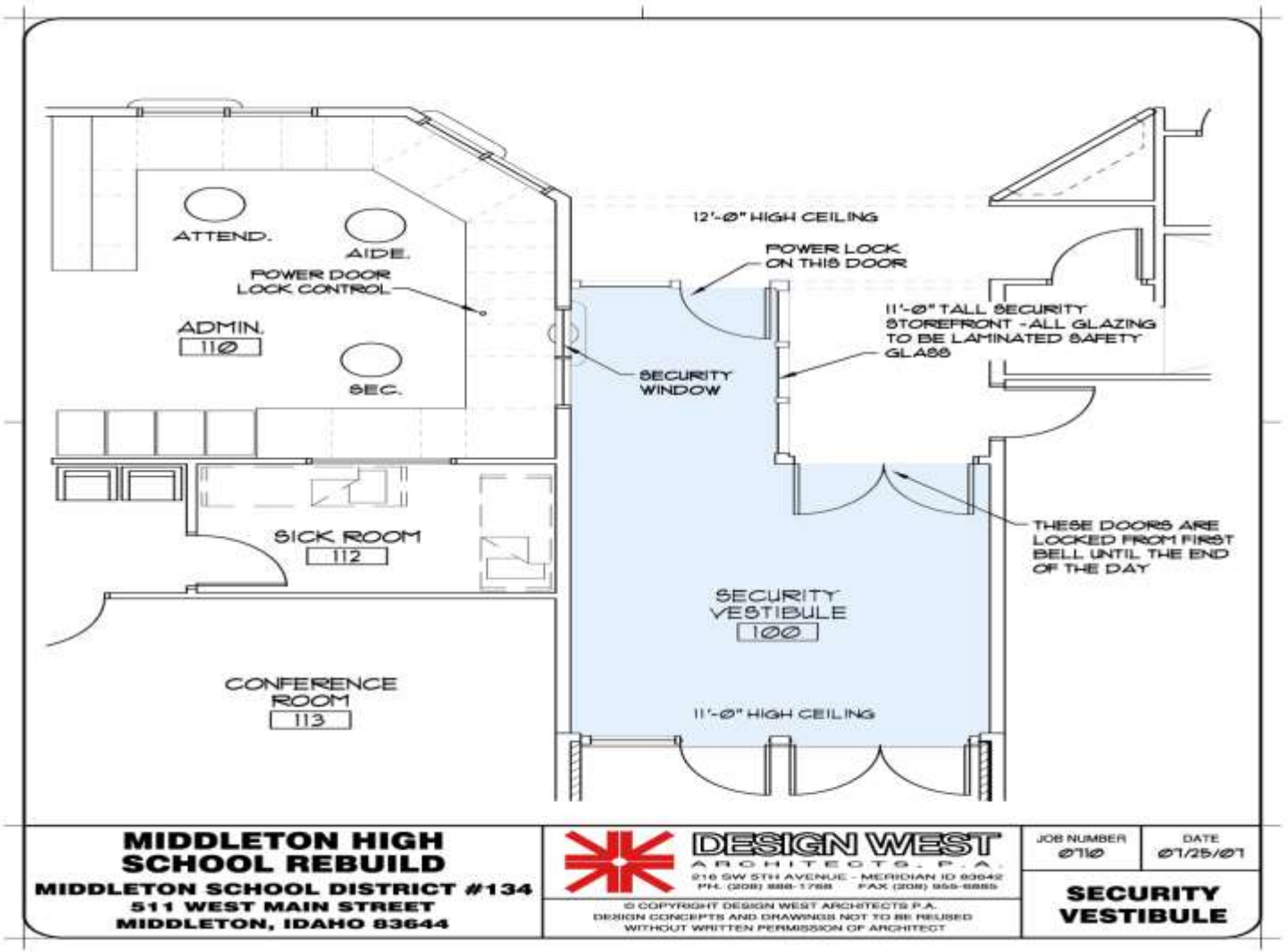
Allows the entryway to be locked off once students are in class. Visitors have to go to a window to check in and are admitted with a push of a button from the Secretary.

Panic Buttons

Every classroom has a fixed emergency / panic button inside the entry door. Pushing the panic button activates all four (4) speakers in this classrooms and sends a signal to the Vice Principal's office to monitor that room.

All of the above are aesthetically pleasing as well.

SAFETY SCHOOL ENTRANCE VESTIBULE



Again, aesthetically pleasing to patrons.

SECURITY UPGRADE COSTS

MIDDLETON SCHOOL DISTRICT #134

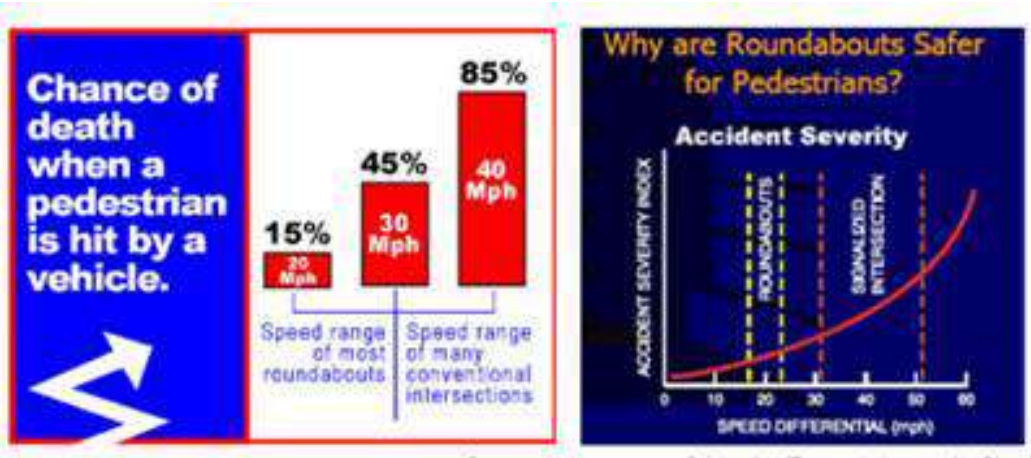
MIDDLETON MIDDLE / HIGH SCHOOL REBUILD

Security Systems

Upgraded Security Items	Descriptions	Per Teaching Station	Per SF of Total Bldg	# Stations / Units	Total Amount
Door Lockdown Upgrade	Magnetic hold opens that can be release by the Principal (for a lock down) shutting all six of the corridor doors and classrooms from one switch. Classroom doors stay locked preventing access.	$1,563	$0.48	16	$25,000
Security Vestibule Upgrade	Vestibule security system that allows the secretary to control entrance to the building by an electronic button.	$788	$0.24	16	$12,600
Classroom Phones	Telephones in every classroom	$1,125	$0.34	16	$18,000
Panic Buttons	One in every classroom (16)	$1,531	$0.47	16	$24,497
Security Cameras	Located inside and outside the school (to cover parking lots	$2,278	$0.87	20	$45,560
	Total Security Upgrade costs	$7,284	$2.39	__	$125,657

NEW SCHOOL CONSTRUCTION

Round-Abouts for Safety Sake



Images courtesy of Alaska Roundabouts (left) and Ourston Roundabout Engineers (right)

Source: U.K. Department of Transportation, Killing Speed and Saving Lives, London, 1987.

The two figures above: one illustrates the increased chance of death relative to travelling speeds and the second shows the points of conflict within a standard intersection versus a roundabout.

MHS ROUNDABOUTS – DUAL LANES

Total cost (with property purchase, design, etc.) approximately $850,000.

EMERGENCY ALERT BADGES

This new system allows teachers and police to communicate during emergencies.

The badges can send messages including "medical," "needs assistance" and "lockdown" to school offices, police and other recipients. They also transmit the wearer's location.

Skyview High School is the first in the State to test the ID badge alert system.

This system costs between $20-30,000 for the entire school of 1,200 (to equip all 50 staff members).

CONCLUSION

Safety in our schools is important and necessary to support the academic success of each child, giving them the sincere opportunity to learn and achieve in a safe, nurturing and appeasing educational environment.

DISCUSSION AND QUESTIONS

Additional Questions -- feel free to contact me!

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